



**FORM PTO-1449 TO BE FILED WITH
INFORMATION DISCLOSURE STATEMENT**

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INFORMATION	:	Applicant: Buchheit et al.
DISCLOSURE STATEMENT	:	Group Art Unit: 1755
BY APPLICANT	:	Examiner: Anthony J. Green

U.S. PATENT DOCUMENTS

Examiner's Initial	Document Number	Date	Name(s)	Class/ Subclass
AJG	4,873,011	10/10/1989	Jung et al.	252/75
AJG	5,520,750	5/28/1996	Riley	148/261
AJG	5,743,971	4/28/1998	Inoue et al.	148/247
AJG	5,866,652	2/2/1999	Hager et al.	524/701
AJG	5,886,652	3/23/1999	Adachi et al.	341/67
AJG	5,938,861	8/17/1999	Inoue et al.	148/247
AJG	5,954,893	9/21/1999	Baldwin et al.	148/272
AJG	5,985,047	11/16/1999	Buxton et al.	148/247
AJG	6,027,579	2/22/2000	Das et al.	148/256
AJG	6,077,885	6/20/2000	Hager et al.	523/445

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AJG	Akiyama et al., "The Influence of Dichromate Ions on Aluminum Dissolution Kinetics in Artificial Crevice Electrode Cells", Journal of The Electrochemical Society, 146 (11), 1999, pp. 4095-4100. (no month)
AJG	Buchheit et al., "Active Corrosion Protection in Ce-Modified Hydrotalcite Conversion Coatings", Corrosion, Vol. 58, No. 1, January 2002, pp. 3-14.
AJG	Buchheit et al., "Active corrosion protection and corrosion sensing in chromate-free organic coatings", Progress in Organic Coatings, 47, 2003, pp. 174-182. (no month)
AJG	Clark et al., "A Galvanic Corrosion Approach to Investigating Chromate Effects on Aluminum Alloy 2024-T3", Journal of The Electrochemical Society, 149 (5), 2002, pp. B179-B185. (no month)

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AJG	Clark et al., "Inhibition of Corrosion-Related Reduction Processes via Chromium Monolayer Formation", Journal of The Electrochemical Society, 149 (9), 2002, pp. B379-B386. (no month)
AJG	Cohen, "Replacements for Chromium Pretreatments on Aluminum", Corrosion, Vol. 51, No. 1, January 1995, pp. 71-78. (no month)
AJG	Gallaccio et al., "Effects of Heating Chromate Conversion Coatings", Metal Finishing, August 1966, pp. 50-54.
AJG	Glass, "Recent Radioactive Tracer", Materials Protection, July 1968, pp. 26-30
AJG	Hagans et al., "Influence of Metallurgy on the Protective Mechanism of Chromium,-Based Conversion Coatings on Aluminum-Copper Alloys", Surface and Interface Analysis, Vol. 21, 1994, pp. 65-78. (no month)
AJG	Hinton, "Corrosion Prevention and Chromates, the End of an Era?", Metal Finishing, September 1991, pp. 55-61. (no month)
AJG	Hinton, "Corrosion Prevention and Chromates, the End of an Era?", Metal Finishing, October 1991, pp. 15-20.
AJG	Ilevbare et al., "Mass Transport Limited Oxygen Reduction Kinetics on Chromate Conversion Coated Al-Cu, Al-Cu-Mg and Al-Cu-Mn-Fe Intermetallic Compounds.", Electrochemical Society Proceeding, Vol. 99-27, 1999, pp. 269-279. (no month)
AJG	Ilevbare et al., Mass-Transport-Limited Oxygen Reduction Reaction on AA2024-T3 and Selected Intermetallic Compounds in Chromate-Containing Solutions", Corrosion, February 2001, pp. 134-152.
AJG	Ilevbare et al., "Oxygen Reduction Reaction Kinetics on Chromate Conversion Coated Al-Cu, Al-Cu-Mg, and Al-Cu-Mn-Fe Intermetallic Compounds, Journal of The Electrochemical Society, 148 (5), 2001, pp. B196-207. (no month)
AJG	Kaesche, "Pitting Corrosion of Aluminum, and Intergranular Corrosion of Aluminum Alloys", International Corrosion Conference, 1974, pp. 516-525. (no month)
AJG	Katzman et al., "Corrosion-Protective Chromate Coatings on Aluminum", Applications of Surface Science 2, 1979, pp. 416-432. (no month)
AJG	Kendig et al., "Corrosion Inhibition of Al and Al Alloys by Hexavalent Cr Compounds - A Mechanistic Overview", 2000, pp. 1-31. (no month)
AJG	Kendig et al., "Corrosion Inhibition of Aluminum and Aluminum Alloys by Soluble Chromates, Chromate Coatings, and Chromate-Free Coatings", Corrosion, Vol. 59, No. 5, May 2003, pp. 379-400.
AJG	Laget et al., "Thermal Stability and Aging Characteristics of Chromate Conversion Coatings on Aluminum Alloy 2024-T3", Electrochemical Society Proceeding, Vol. 99-26, 2000, pp. 173-182. (no month)

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AJG	Laget et al., "Dehydration-Induced Loss of Corrosion Protection Properties in Chromate Conversion Coatings of Aluminum Alloy 2024-T3", Journal of The Electrochemical Society, 150 (9), 2003, pp. B425-B432. (no month)
AJG	Newhard, "Conversion Coatings for Aluminum", Metal Finishings, July 1972, pp. 49-53.
AJG	Newhard, "Conversion Coatings for Aluminum", Metal Finishings, August 1972, pp. 66-69.
AJG	Osborne et al., "Testing and evaluation of nonchromated coating systems for aerospace applications", Progress in Organic Coatings, 41, 2001, pp. 217-225.
AJG	Osborne, "Observations on chromate conversion coatings from a sol-gel-perspective", Progress in Organic Coatings, 41, 2001, pp. 280-286. (no month)
AJG	Pearlstein et al., "Heat Resistant Chromate Conversion Coatings", Plating, April 1968, pp. 345-346.
AJG	Pride et al., "Metastable Pitting of Aluminum and Criteria for the Transition to Stable Pit Growth", J. Electrochem. Soc., Vol. 141, No. 11, November 1994, pp. 3028-3040.
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AJG	van Ooij et al., "Silane Based Chromate Replacements for Corrosion Control, Paint Adhesion, and Rubber Bonding", Surface Engineering, Vol. 16, No. 5, 2000, pp. 386-396. (no month)
AJG	van Ooij et al., "Electrochemical Impedance Spectroscopy of Bis-[Triethoxysilylpropyl]Tetrasulfide on Al 2024-T3 Substrates", Corrosion, Vol. 57, No. 5, May 2001, pp. 413-427.
AJG	Wernick et al., "Chapter 5 Chemical Conversion Coatings", Surface Treatment and Finishing Aluminum Alloys, 1987, pp. 220-288. (no month)
AJG	Xia et al., "Chemistry of a Chromate Conversion Coating on Aluminum Alloy AA2024-T3 Probed by Vibrational Spectroscopy", J. Electrochem. Soc., Vol. 145, No. 9, September 1998, pp. 3083-3089.
AJG	Xia et al., "Structure and Function of Ferricyanide in the Formation of Chromate Conversion Coatings on Aluminum Aircraft Alloy", Journal of The Electrochemical Society, 146 (10), 1999, pp. 3696-3701. (no month)

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AJG	Zhang et al., "Characterization of Chromate Conversion Coating Formation and Breakdown Using Electrode Arrays", Journal of The Electrochemical Society, 149 (8), 2002, pp. B357-B365. (no month)
AJG	Zhao et al., "Corrosion Protection of Untreated AA-2024-T3 in Chloride Solution by a Chromate Conversion Coating Monitored with Raman Spectroscopy", J. Electrochem. Soc., Vol. 145, No. 7, July 1998, pp. 2258-2264.

Examiner	/Anthony Green/	Date Considered	04/21/2006
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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